

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN  
10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.—November 2001 to current year.

pH: December 2001 to current year.  
SPECIFIC CONDUCTANCE: December 2001 to current year.  
WATER TEMPERATURE: December 2001 to current year.  
TURBIDITY: December 2001 to current year.  
SEDIMENT: November 2001 to current year.

PERIOD OF DAILY RECORD.—December 2001 to current year.

pH: December 2001 to current year.  
SPECIFIC CONDUCTANCE: December 2001 to current year.  
WATER TEMPERATURE: December 2001 to current year.  
TURBIDITY: December 2001 to current year.

INSTRUMENTATION.—Water-quality monitor since December 2001.

REMARKS.—Water temperature records rated excellent. pH records are rated good. Specific conductance and turbidity records rated fair.  
Interruptions in record due to sensor malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD.—

pH: Maximum recorded, 8.8 standard units, several days in 2003; minimum recorded, 7.0 standard units, July 20, 2003.  
SPECIFIC CONDUCTANCE: Maximum recorded, 257 microsiemens, July 28, 2003; minimum recorded, 15 microsiemens, May 22, 2003.  
WATER TEMPERATURE: Maximum recorded, 21.5°C, July 10, 2002, July 21, 29, 2003; minimum recorded, 0.0°C, several days in most years.  
TURBIDITY: Maximum recorded, >4,000 NTU, July 20, 21, 28, 29, Aug. 21, 2003; minimum recorded, 0.0 NTU, some days in most years.

EXTREMES FOR CURRENT YEAR.—

pH: Maximum recorded, 8.6 standard units, many days in April, August, and September; minimum recorded, 7.9 standard units, Nov. 12.  
SPECIFIC CONDUCTANCE: Maximum recorded, 223 microsiemens, Feb. 26; minimum recorded, 81 microsiemens, June 2, 3.  
WATER TEMPERATURE: Maximum recorded, 21.0°C, July 19; minimum recorded, 0.0°C, many days in October to March.  
TURBIDITY: Maximum recorded, 980 NTU, May 4; minimum recorded, 1.1 NTU, Sep. 22, 29.

> Actual value is known to be greater than value shown.

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.4	8.3	8.3	8.1	8.0	8.0	8.3	8.3	8.4	8.2	8.4	8.3
2	8.4	8.2	8.2	8.1	8.0	8.0	8.3	8.2	8.4	8.2	8.5	8.3
3	8.4	8.2	8.3	8.1	8.0	8.0	8.3	8.2	8.4	8.2	8.5	8.3
4	8.4	8.3	8.2	8.1	8.0	8.0	8.2	8.2	8.4	8.3	8.5	8.3
5	8.4	8.3	8.3	8.2	8.0	8.0	8.2	8.2	8.3	8.3	8.5	8.3
6	8.4	8.3	8.3	8.1	8.0	8.0	8.2	8.2	8.3	8.3	8.5	8.3
7	8.4	8.2	8.3	8.2	8.4	8.0	8.3	8.2	8.4	8.3	8.5	8.3
8	8.4	8.3	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.3	8.5	8.3
9	8.4	8.3	8.3	8.2	8.2	8.2	8.3	8.2	8.3	8.3	8.4	8.2
10	8.4	8.3	8.3	8.2	8.2	8.1	8.4	8.3	8.3	8.3	8.4	8.2
11	8.4	8.2	8.3	8.1	8.3	8.1	8.4	8.3	8.3	8.3	8.4	8.2
12	8.4	8.2	8.3	7.9	8.2	8.2	8.4	8.2	8.3	8.3	8.3	8.2
13	8.3	8.2	8.3	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.4	8.2
14	8.4	8.2	8.2	8.2	8.3	8.2	8.4	8.2	8.4	8.2	8.3	8.2
15	8.3	8.2	8.2	8.2	8.3	8.2	8.4	8.3	8.4	8.3	8.4	8.3
16	8.4	8.2	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.2	8.4	8.3
17	8.4	8.2	8.3	8.2	8.2	8.2	8.4	8.3	8.4	8.2	8.4	8.3
18	8.4	8.2	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.3	8.4	8.3
19	8.4	8.3	8.2	8.2	8.3	8.2	8.4	8.3	8.4	8.3	8.3	8.2
20	8.4	8.3	8.2	8.1	8.3	8.2	8.4	8.3	8.4	8.3	8.3	8.2
21	8.4	8.3	8.2	8.1	8.3	8.2	8.3	8.3	8.4	8.3	8.3	8.2
22	8.4	8.3	8.1	8.1	8.3	8.2	8.3	8.2	8.4	8.3	8.3	8.2
23	8.4	8.3	8.1	8.1	8.3	8.2	8.3	8.2	8.4	8.3	8.3	8.2
24	8.3	8.2	8.1	8.1	8.3	8.2	8.4	8.3	8.5	8.3	8.3	8.2
25	8.3	8.2	8.1	8.1	8.3	8.3	8.4	8.3	8.3	8.2	8.3	8.3
26	8.3	8.2	8.1	8.1	8.3	8.3	8.3	8.3	8.4	8.3	8.4	8.3
27	8.3	8.2	8.1	8.0	8.3	8.2	8.4	8.3	8.4	8.3	8.4	8.3
28	8.4	8.2	8.1	8.0	8.3	8.2	8.4	8.3	8.4	8.3	8.4	8.3
29	8.3	8.3	8.1	8.0	8.3	8.2	8.4	8.3	8.4	8.3	8.5	8.3
30	8.3	8.2	8.0	8.0	8.3	8.2	8.4	8.3	---	---	8.4	8.3
31	8.3	8.1	---	---	8.3	8.2	8.3	8.3	---	---	8.4	8.3
MONTH	8.4	8.1	8.3	7.9	8.4	8.0	8.4	8.2	8.5	8.2	8.5	8.2

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.4	8.3	8.5	8.2	8.3	8.1	8.3	8.2	8.5	8.3	8.6	8.4
2	8.5	8.3	8.4	8.1	8.3	8.0	8.3	8.2	8.5	8.3	8.6	8.4
3	8.4	8.3	8.4	8.1	8.2	8.0	8.4	8.2	8.5	8.3	8.6	8.4
4	8.4	8.3	8.4	8.1	8.3	8.0	8.4	8.2	8.5	8.3	8.6	8.4
5	8.4	8.3	8.3	8.1	8.2	8.0	8.4	8.2	8.5	8.3	8.6	8.4
6	8.5	8.2	8.3	8.1	8.3	8.1	8.4	8.2	8.5	8.3	8.6	8.4
7	8.5	8.3	8.3	8.1	8.2	8.1	8.4	8.2	8.5	8.3	8.6	8.4
8	8.5	8.3	8.3	8.1	8.2	8.1	8.4	8.2	8.6	8.3	8.6	8.4
9	8.5	8.3	8.3	8.1	8.2	8.1	8.4	8.2	8.5	8.3	8.6	8.4
10	8.5	8.3	8.3	8.1	8.3	8.1	8.4	8.2	8.6	8.3	8.6	8.4
11	8.5	8.3	8.3	8.2	8.3	8.1	8.4	8.2	8.6	8.3	8.6	8.4
12	8.5	8.3	8.4	8.2	8.3	8.1	8.4	8.2	8.6	8.3	8.6	8.4
13	8.5	8.3	8.4	8.2	8.3	8.1	8.5	8.3	8.5	8.3	8.6	8.4
14	8.5	8.3	8.4	8.2	8.3	8.1	8.5	8.3	8.6	8.3	8.6	8.4
15	8.5	8.3	8.3	8.2	8.3	8.1	8.5	8.3	8.5	8.4	8.6	8.4
16	8.5	8.3	8.4	8.1	8.3	8.1	8.5	8.3	8.5	8.4	8.6	8.4
17	8.5	8.3	8.4	8.1	8.3	8.1	8.5	8.3	8.5	8.3	8.6	8.4
18	8.5	8.4	8.4	8.2	8.3	8.1	8.5	8.3	8.6	8.4	8.5	8.4
19	8.6	8.4	8.4	8.2	8.3	8.1	8.5	8.3	8.6	8.4	8.5	8.4
20	8.6	8.4	8.3	8.2	8.3	8.1	8.5	8.3	8.6	8.3	8.5	8.4
21	8.6	8.4	8.3	8.2	8.3	8.1	8.5	8.3	8.5	8.4	8.5	8.3
22	8.6	8.4	8.4	8.2	8.3	8.1	8.5	8.3	8.5	8.4	8.5	8.3
23	8.6	8.3	8.4	8.2	8.3	8.1	8.5	8.3	8.6	8.4	8.5	8.4
24	8.6	8.3	8.4	8.1	8.3	8.1	8.5	8.3	8.6	8.4	8.5	8.4
25	8.6	8.3	8.4	8.2	8.3	8.1	8.5	8.3	8.6	8.4	8.6	8.4
26	8.6	8.2	8.4	8.1	8.3	8.1	8.5	8.3	8.6	8.4	8.6	8.4
27	8.4	8.2	8.4	8.1	8.3	8.1	8.5	8.3	8.6	8.4	8.5	8.4
28	8.4	8.2	8.3	8.1	8.3	8.2	8.5	8.3	8.6	8.4	8.6	8.4
29	8.4	8.2	8.3	8.1	8.3	8.2	8.5	8.3	8.6	8.4	8.6	8.4
30	8.4	8.2	8.3	8.1	8.3	8.2	8.5	8.3	8.6	8.4	8.6	8.4
31	---	---	8.3	8.1	---	---	8.5	8.3	8.6	8.4	---	---
MONTH	8.6	8.2	8.5	8.1	8.3	8.0	8.5	8.2	8.6	8.3	8.6	8.3

SPECIFIC CONDUCTANCE, MICROSIEMENS/CM AT 25 DEG. C, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	153	152	155	145	146	130	172	111	167	161	169	166
2	153	150	163	149	130	127	172	157	165	158	200	167
3	153	151	159	154	127	125	166	159	162	159	201	175
4	153	151	174	149	126	123	171	166	164	154	182	178
5	153	151	152	147	---	---	172	171	171	143	183	180
6	154	153	164	147	---	---	171	167	174	141	183	180
7	---	---	155	143	---	---	172	169	171	159	187	182
8	---	---	144	138	---	---	171	160	173	153	190	182
9	---	---	174	139	---	---	166	164	166	159	189	179
10	---	---	185	149	---	---	168	165	174	160	186	175
11	---	---	157	142	---	---	167	165	173	165	175	142
12	---	---	160	139	---	---	168	166	179	168	152	142
13	---	---	153	125	---	---	170	168	181	172	150	143
14	---	---	154	123	---	---	170	169	182	170	145	139
15	---	---	153	130	157	148	173	165	173	167	164	138
16	---	---	155	132	155	146	172	147	174	137	189	141
17	---	---	154	141	155	150	176	169	156	137	182	160
18	---	---	156	135	156	150	171	163	159	152	197	178
19	---	---	156	140	157	144	168	162	163	158	201	190
20	---	---	157	137	145	139	167	164	171	156	203	185
21	---	---	158	149	146	143	169	158	165	162	198	183
22	---	---	175	157	150	142	165	159	166	163	192	180
23	---	---	175	157	148	146	165	158	169	163	185	174
24	---	---	158	149	154	135	163	149	170	167	181	174
25	---	---	159	154	155	152	162	134	175	151	182	178
26	166	163	163	158	159	139	155	134	223	175	187	181
27	166	161	169	157	170	159	155	152	203	190	188	177
28	168	164	165	159	170	160	156	153	198	161	187	185
29	167	156	164	159	160	158	156	155	195	155	190	185
30	162	151	163	146	161	157	157	155	---	---	190	185
31	159	146	---	---	160	158	164	157	---	---	193	187
MONTH	---	---	185	123	---	---	176	111	223	137	203	138

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS/CM AT 25 DEG. C, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	192	183	129	116	91	83	108	99	129	115	141	136
2	184	172	123	110	91	81	106	102	131	117	141	134
3	175	170	118	96	89	81	111	103	124	117	135	130
4	171	164	110	89	90	82	113	105	124	116	140	123
5	166	162	108	90	90	82	114	106	133	117	133	129
6	172	165	107	94	90	83	117	108	132	116	130	124
7	174	159	108	97	88	83	117	110	129	120	144	116
8	159	149	109	97	89	84	119	113	127	117	144	133
9	156	144	111	99	91	88	123	116	137	125	144	132
10	149	140	111	101	92	89	120	113	137	130	144	139
11	147	137	117	110	94	89	121	115	137	132	145	134
12	144	136	124	116	96	89	122	115	138	128	145	141
13	141	136	127	113	96	89	127	115	137	127	147	142
14	143	138	124	110	96	89	124	119	140	132	146	143
15	142	138	120	108	97	90	129	119	140	131	145	143
16	146	142	114	100	97	91	126	119	139	131	146	143
17	147	143	107	97	94	91	129	120	140	129	145	137
18	147	145	106	98	97	92	134	119	140	134	145	143
19	150	147	105	97	99	92	131	125	141	133	145	141
20	155	149	104	96	98	92	134	123	142	136	143	138
21	151	150	101	96	97	93	132	121	142	132	144	138
22	153	150	102	89	100	93	124	112	142	128	144	140
23	153	146	97	88	99	94	124	114	142	130	145	143
24	151	137	96	88	98	93	125	116	143	133	145	138
25	147	130	95	90	98	94	127	117	143	133	147	136
26	137	118	97	89	98	94	128	117	143	129	147	146
27	133	118	95	84	98	95	127	114	143	125	147	146
28	129	120	90	84	99	96	127	118	144	128	148	146
29	130	120	95	87	100	98	128	114	144	126	148	146
30	132	119	95	84	110	98	129	113	145	127	148	144
31	---	---	93	83	---	---	121	111	144	131	---	---
MONTH	192	118	129	83	110	81	134	99	145	115	148	116

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	15.5	8.0	2.0	0.0	4.5	1.5	1.5	0.0	2.5	0.0	4.0	0.5
2	13.0	5.5	1.0	0.0	3.5	1.5	0.0	0.0	2.5	0.0	5.5	0.5
3	13.0	5.5	3.5	0.0	3.0	0.5	0.0	0.0	2.5	0.0	4.5	0.0
4	13.0	7.5	1.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	5.5	0.0
5	12.5	6.5	4.0	0.5	6.5	3.5	0.0	0.0	0.0	0.0	6.0	0.5
6	13.5	6.0	3.0	0.0	5.0	3.0	0.0	0.0	1.5	0.0	8.0	2.0
7	13.0	6.5	4.5	1.5	3.5	1.0	2.0	0.0	2.5	0.0	8.0	1.0
8	13.0	5.5	5.0	2.0	1.0	0.0	3.5	1.5	0.0	0.0	8.5	1.5
9	12.5	6.5	3.5	1.0	1.0	0.0	3.5	1.0	0.0	0.0	9.0	2.0
10	9.0	3.0	2.5	0.0	1.5	0.0	3.0	1.0	0.0	0.0	8.5	2.5
11	10.0	1.5	1.5	0.0	1.0	0.0	3.0	1.0	0.0	0.0	8.0	1.5
12	10.5	4.0	3.0	0.0	2.0	0.0	4.0	1.0	0.0	0.0	8.5	2.0
13	8.5	2.0	4.0	1.0	4.0	1.5	3.0	0.5	0.0	0.0	9.0	2.0
14	10.0	2.5	4.0	0.0	2.0	0.0	2.0	0.0	3.0	0.0	9.5	2.5
15	8.5	1.5	4.0	1.5	0.0	0.0	2.5	0.5	3.5	1.0	9.5	3.0
16	10.0	3.0	3.5	0.0	0.0	0.0	2.0	0.0	4.0	1.0	9.0	2.5
17	10.5	4.0	5.5	1.5	0.0	0.0	2.0	0.0	4.0	2.0	9.5	2.5
18	10.5	3.5	4.0	0.0	0.0	0.0	3.5	0.5	4.5	1.5	9.0	3.0
19	11.0	5.5	5.0	1.0	2.0	0.0	2.0	0.0	4.0	0.0	9.5	3.5
20	11.5	4.5	6.0	1.0	3.0	1.5	3.0	0.5	3.0	0.0	10.0	2.5
21	11.0	4.5	2.5	0.0	3.0	0.0	1.0	0.0	4.5	1.0	10.5	3.5
22	10.5	4.5	0.0	0.0	1.5	0.0	0.0	0.0	4.5	1.5	9.5	4.0
23	10.0	4.5	0.0	0.0	3.5	0.5	0.0	0.0	5.0	1.0	9.5	3.0
24	8.0	1.5	0.0	0.0	2.5	0.5	3.0	0.0	5.0	0.5	9.0	3.0
25	8.0	2.0	0.0	0.0	2.0	0.0	1.5	0.0	2.0	0.0	7.0	2.0
26	8.0	2.5	0.0	0.0	0.5	0.0	1.0	0.0	2.5	0.0	6.0	1.0
27	8.0	2.5	0.0	0.0	0.0	0.0	3.0	1.0	4.0	0.0	9.5	3.0
28	9.5	3.0	2.5	0.0	0.0	0.0	3.0	0.0	5.5	0.5	9.5	2.0
29	10.0	5.0	4.0	2.0	0.0	0.0	3.0	0.5	4.0	0.0	10.5	3.0
30	5.5	1.0	4.0	2.0	0.5	0.0	3.5	1.0	---	---	10.5	4.0
31	1.0	0.0	---	---	2.5	0.5	1.0	0.0	---	---	10.5	3.5
MONTH	15.5	0.0	6.0	0.0	6.5	0.0	4.0	0.0	5.5	0.0	10.5	0.0

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.0	2.0	12.5	3.0	14.5	5.0	12.0	7.0	19.0	8.5	18.5	9.5
2	9.5	2.0	14.0	4.0	15.5	5.0	15.0	7.0	18.5	8.5	16.5	9.0
3	10.5	3.0	13.5	3.5	13.0	5.5	17.5	8.0	17.5	6.5	14.0	6.5
4	11.0	4.0	13.5	4.5	15.0	4.5	18.5	7.5	18.0	8.5	15.0	5.5
5	10.5	3.5	12.0	5.0	14.5	5.0	19.0	8.0	17.5	7.5	16.5	6.5
6	10.0	2.5	10.5	4.5	15.5	5.5	19.5	9.5	18.0	8.5	17.0	7.5
7	11.0	3.0	12.0	4.0	13.5	5.0	19.0	10.0	18.5	7.0	16.5	7.0
8	10.5	3.5	12.0	4.0	9.0	3.0	18.5	8.0	19.5	8.5	16.0	6.5
9	11.0	3.0	12.5	2.5	7.0	3.0	18.0	9.0	19.5	10.0	16.0	6.5
10	11.0	2.5	6.5	3.5	13.0	5.5	17.5	7.5	20.0	8.5	16.0	7.0
11	11.5	2.5	6.0	1.5	14.0	3.5	18.0	6.5	19.5	9.5	16.5	7.0
12	11.0	3.5	12.0	1.5	15.0	4.5	18.5	8.0	18.5	10.5	16.5	9.0
13	9.5	3.5	13.0	3.0	16.0	5.5	19.5	8.5	17.5	11.5	15.5	6.5
14	10.0	2.0	12.5	3.0	16.5	6.5	19.0	8.0	19.5	10.5	14.0	5.0
15	10.0	3.0	12.0	4.0	16.5	6.5	18.5	8.0	16.5	11.5	14.5	5.5
16	9.0	2.5	13.0	3.0	16.0	6.5	18.0	8.5	15.0	11.0	16.0	6.5
17	6.5	2.5	12.5	3.5	14.0	6.5	19.5	10.5	18.5	7.5	15.0	6.5
18	6.5	2.0	11.5	3.0	15.0	6.0	20.0	10.5	19.0	9.0	10.5	7.0
19	8.0	3.0	11.0	2.5	16.5	5.5	21.0	11.0	16.5	10.0	7.5	5.0
20	10.0	4.0	10.0	3.0	16.0	5.5	19.5	10.0	19.5	10.0	9.0	4.0
21	10.5	3.5	9.0	2.5	16.5	6.5	20.0	9.0	17.5	9.5	10.5	2.5
22	11.0	2.0	13.0	4.0	17.5	7.0	20.0	10.5	13.5	10.0	12.5	3.5
23	12.0	2.0	12.5	3.0	18.0	7.5	18.0	10.0	15.5	9.5	13.5	5.5
24	13.0	2.5	12.5	3.5	16.5	7.5	19.0	11.0	17.5	8.5	13.5	5.0
25	13.5	3.5	11.0	3.5	17.0	6.0	19.0	10.5	17.0	9.0	14.0	5.5
26	14.0	3.5	12.5	3.5	17.0	6.0	20.0	9.5	16.0	7.5	13.0	5.0
27	12.5	4.0	13.0	6.0	15.0	6.5	19.5	8.0	16.0	6.5	12.5	4.0
28	11.0	3.5	10.0	6.0	14.5	8.5	20.0	10.0	17.0	7.0	13.0	5.5
29	10.5	2.0	13.5	5.0	14.0	7.5	19.0	9.0	17.5	8.0	11.5	5.0
30	12.5	2.0	14.5	3.5	14.5	7.5	18.5	7.0	18.5	8.5	11.0	5.5
31	---	---	14.5	4.0	---	---	19.0	8.5	18.0	8.0	---	---
MONTH	14.0	2.0	14.5	1.5	18.0	3.0	21.0	6.5	20.0	6.5	18.5	2.5

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/-2.5 DEGREES, FNU  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	12	4.1	6.0	46	3.7	9.6	13	5.9	8.5	33	7.5	12
2	19	4.1	6.3	96	3.8	15	9.5	4.8	6.5	39	8.4	16
3	10	4.2	5.8	20	4.7	8.7	7.5	4.0	5.2	8.7	2.3	5.2
4	14	3.4	5.6	120	3.2	15	15	3.6	6.6	5.9	2.5	3.2
5	9.4	2.8	5.2	25	6.2	9.6	40	9.3	15	9.2	2.2	3.1
6	18	3.7	5.2	43	3.3	8.6	130	10	26	16	3.0	7.8
7	14	3.9	5.3	16	4.6	6.6	69	6.9	12	110	14	23
8	13	3.2	5.1	30	4.0	6.5	23	3.9	7.9	40	14	21
9	11	3.2	5.2	28	5.7	8.7	56	3.7	11	26	9.9	13
10	12	3.4	5.0	24	4.6	8.3	63	7.5	15	22	8.1	11
11	13	3.2	4.3	58	4.2	10	45	4.7	9.8	18	7.0	9.4
12	10	2.9	4.2	23	3.2	7.3	80	3.6	11	18	6.3	9.0
13	14	2.6	4.2	18	4.6	5.9	15	6.1	8.3	13	5.1	8.1
14	9.4	2.3	4.1	12	4.0	5.7	25	6.2	10	18	6.0	8.3
15	16	2.8	4.1	12	3.7	5.1	13	3.3	4.6	15	5.3	7.8
16	9.3	3.0	4.3	9.8	3.4	4.6	18	3.0	5.4	41	5.8	8.6
17	9.5	2.0	4.2	9.8	3.2	4.7	23	2.7	4.2	49	3.7	6.8
18	13	3.0	4.4	8.8	3.3	4.5	43	3.1	6.7	18	4.9	7.2
19	11	3.1	4.4	17	3.4	4.5	90	8.3	11	14	4.7	6.3
20	9.5	2.9	4.0	17	3.6	5.0	28	9.5	16	15	4.2	5.7
21	7.4	1.8	4.0	8.6	3.3	4.6	18	5.9	8.5	100	4.2	6.4
22	17	2.8	4.4	13	3.0	4.2	34	5.0	11	19	2.9	4.5
23	11	2.6	4.2	16	3.3	5.9	20	4.4	7.3	16	2.2	5.3
24	14	2.4	4.2	28	4.1	8.5	140	5.7	19	63	6.4	13
25	20	2.6	3.9	24	3.5	8.0	22	6.0	9.8	24	3.9	7.4
26	15	2.1	3.7	30	3.1	5.9	30	2.9	5.8	95	2.6	9.8
27	17	2.1	3.6	19	2.4	11	25	2.4	3.6	17	6.9	9.4
28	18	2.3	4.0	130	9.5	16	49	2.1	7.8	16	5.1	7.2
29	23	2.4	5.3	23	8.3	13	20	6.5	12	16	4.7	6.3
30	8.8	2.1	4.1	17	6.9	10	210	11	30	15	4.9	6.7
31	32	3.4	12	---	---	---	28	9.9	15	94	4.3	8.1
MAX	32	4.2	12	130	9.5	16	210	11	30	110	14	23
MIN	7.4	1.8	3.6	8.6	2.4	4.2	7.5	2.1	3.6	5.9	2.2	3.1

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/-2.5 DEGREES, FNU  
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	89	4.6	7.8	17	4.9	6.8	37	12	17	200	22	41
2	35	5.1	8.0	17	4.5	5.8	28	12	15	960	27	62
3	30	2.6	5.6	35	4.3	7.2	30	11	16	420	56	120
4	19	3.3	5.3	23	4.3	6.5	130	15	32	980	53	120
5	46	2.3	4.5	15	3.5	5.5	75	20	34	390	63	130
6	250	2.1	9.8	25	4.4	6.7	60	23	30	140	49	76
7	54	3.2	6.3	79	7.8	14	49	16	24	100	37	53
8	31	1.7	3.5	160	14	28	68	16	23	80	31	48
9	22	1.5	3.0	190	24	48	56	16	26	87	28	42
10	19	1.7	4.4	120	30	45	44	18	28	110	24	32
11	17	1.7	4.7	46	20	29	45	15	23	38	19	25
12	16	1.9	4.6	56	17	29	66	16	24	120	17	23
13	48	1.8	7.9	84	21	33	34	16	23	82	17	25
14	360	4.1	13	140	22	40	26	13	17	68	15	24
15	22	4.8	8.2	140	30	57	22	11	14	74	17	25
16	430	6.8	19	96	34	54	20	9.8	12	73	14	23
17	170	18	33	270	29	49	17	8.4	11	51	17	27
18	58	11	18	230	30	53	17	7.3	10	33	15	21
19	38	8.9	14	210	38	63	17	6.3	9.3	35	14	19
20	52	6.6	10	260	34	56	23	6.5	9.3	36	14	21
21	22	5.7	8.0	420	48	93	15	6.2	8.3	54	13	19
22	19	4.4	7.1	670	60	100	17	3.5	7.7	37	13	20
23	15	4.8	6.4	270	56	81	28	4.0	8.4	42	12	19
24	27	3.7	5.9	75	31	43	66	5.6	11	38	12	22
25	240	3.9	39	55	24	31	89	6.5	19	31	12	17
26	61	9.7	22	42	18	24	190	11	27	42	12	16
27	95	5.9	12	110	15	20	330	21	51	160	15	27
28	23	6.7	9.0	39	12	18	170	31	55	100	28	40
29	23	4.9	8.0	46	11	17	52	22	30	60	20	29
30	---	---	---	41	13	22	100	16	25	91	19	31
31	---	---	---	55	15	22	---	---	---	110	23	37
MAX	430	18	39	670	60	100	330	31	55	980	63	130
MIN	15	1.5	3.0	15	3.5	5.5	15	3.5	7.7	31	12	16
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	120	25	43	39	5.2	11	12	2.6	4.5	8.9	2.0	2.9
2	120	28	52	26	7.5	10	14	2.7	4.3	18	1.5	2.9
3	83	30	46	17	6.6	9.3	20	2.2	3.9	15	1.7	2.7
4	84	30	47	25	6.1	9.1	25	2.5	4.2	13	1.4	2.6
5	68	27	42	18	6.7	8.6	17	2.7	4.0	6.6	1.5	2.6
6	87	25	37	32	5.5	8.5	11	2.4	4.0	8.6	1.3	2.5
7	61	27	37	19	5.8	8.3	19	2.3	4.0	5.3	1.4	2.4
8	43	22	27	25	5.4	7.6	19	2.7	4.1	9.3	1.4	2.4
9	45	20	24	16	5.1	7.2	19	2.7	4.1	14	1.4	2.6
10	31	17	21	15	4.1	6.3	16	2.4	4.4	19	1.5	2.7
11	32	12	19	13	4.1	6.2	9.2	2.6	4.0	23	1.7	2.8
12	31	14	19	12	4.3	6.2	25	1.9	4.0	9.8	1.4	2.7
13	40	13	18	13	4.2	6.5	14	2.7	3.9	14	1.5	2.4
14	93	13	19	34	3.6	6.0	14	1.8	3.9	11	1.3	2.7
15	52	13	19	14	3.8	5.8	10	2.6	4.5	12	1.4	3.1
16	52	13	21	19	4.0	5.8	22	2.1	3.7	20	2.1	3.2
17	40	13	21	31	3.9	5.8	16	1.3	3.6	13	2.2	3.2
18	91	13	18	22	3.3	5.4	14	2.2	3.4	12	1.9	3.0
19	88	13	19	15	3.5	5.5	12	2.2	3.6	14	1.8	2.8
20	67	13	18	25	3.4	4.8	16	2.4	3.5	14	1.5	3.2
21	36	12	18	45	2.7	5.5	12	2.0	3.3	12	1.4	2.6
22	86	13	17	22	3.8	5.7	14	2.3	3.4	15	1.1	2.3
23	50	11	16	27	3.0	5.2	48	1.9	3.1	8.0	1.5	2.3
24	37	12	14	31	3.6	6.1	11	1.9	3.2	8.4	1.5	2.4
25	29	10	14	50	3.2	5.6	14	1.8	3.3	14	1.5	2.4
26	43	10	16	15	2.8	5.2	19	1.7	3.0	7.9	1.2	2.3
27	40	7.2	15	15	2.9	4.9	18	1.5	3.2	14	1.3	2.2
28	69	6.8	12	16	3.1	4.8	18	1.8	3.0	24	1.4	2.3
29	66	7.9	14	14	2.8	4.8	15	1.8	3.0	25	1.1	2.5
30	95	6.3	12	19	2.0	4.3	20	1.3	3.1	13	1.2	2.6
31	---	---	---	20	2.7	4.7	25	1.9	3.0	---	---	---
MAX	120	30	52	50	7.5	11	48	2.7	4.5	25	2.2	3.2
MIN	29	6.3	12	12	2.0	4.3	9.2	1.3	3.0	5.3	1.1	2.2

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10345490 GRAY CREEK NEAR FLORISTON, CA—Continued

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					
07...	1310	9.5	11.5	23	.59
NOV					
12...	1340	9.5	3.0	48	1.2
DEC					
19...	1030	8.0	1.0	40	.86
JAN					
15...	1300	8.5	2.5	24	.55
FEB					
05...	1410	18	.0	148	7.2
MAR					
04...	1350	10	5.5	26	.70
APR					
06...	1420	27	9.5	86	6.3
MAY					
03...	1450	41	13.5	198	22
JUN					
07...	1310	42	11.5	72	8.2
30...	1545	20	13.5	20	1.1
JUL					
21...	1350	14	18.5	9	.34
AUG					
31...	1445	9.0	18.0	4	.10

CROSS-SECTIONAL DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Depth at sample location, feet (81903)	Sampling depth, feet (00003)	Turbidity, IR LED light, det ang, 90 deg, FNU (63680)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unft uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Location in X-sect. looking downstrm ft from l bank (00009)
AUG								
31...*	1425	.60	.30	4.9	8.4	137	18.0	9.00
31...*	1426	.40	.30	5.6	8.4	137	18.0	8.00
31...*	1427	.60	.30	6.4	8.4	137	18.0	7.00
31...*	1428	.55	.30	13	8.4	137	18.0	6.00
31...*	1429	.65	.30	11	8.4	137	18.0	5.00
31...*	1430	.64	.30	5.3	8.4	137	18.0	4.00
31...*	1431	.70	.30	1.8	8.4	137	18.0	3.00
31...*	1432	.80	.30	1.6	8.4	137	18.0	2.00
31...*	1433	.85	.30	1.5	8.4	137	18.0	1.00
31...*	1434	.71	.30	4.0	8.4	137	18.0	.00

\* Instantaneous discharge at the time of cross-sectional measurements: Aug. 31, 9.5 ft<sup>3</sup>/s.